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(74) Agent: TRECARTIN, Richard, F.; Flehr Hohbach Test Albritton & Herbert LLP. Suitc 3400, 4 Embarcadero Center, San Francisco, CA 94111-4187 (US). (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

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(54) Title: PROTEIN DESIGN AUTOMATION FOR PROTEIN LIBRARIES

(57) Abstract: The invention relates to the use of protein design automation (PDA) to generate computationally prescreened secondary libraries of proteins, and to methods and compositions utilizing the libraries.

INTERNATIONAL SEARCH REPORT

Interr nal Application No PCT/US 01/40091

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A. CLA	SSIFICA	TION OF	SUBJECT	MATTER
IPC	7 (12N1	5/10	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 $\begin{array}{ccc} \text{Minimum documentation searched (classification system followed by classification symbols)} \\ \text{IPC 7} & \text{C12N} \end{array}$

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, CHEM ABS Data

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X	WO 98 32845 A (BIOINVENT INTERNATIONAL AB) 30 July 1998 (1998-07-30) the whole document	7,8
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X Further documents are listed in the continuation of box C	χ Patent tamily members are listed in annex.
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Date of the actual completion of the international search	Date of mailing of the international search report
23 January 2002	13/02/2002
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European Patent Office. P.B. 5618 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nł. Fax: (+31-70) 340-3016	Masturzo, P

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